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OUR KEY VALUES AND RIGHTS

OUR KEY VALUES

At Footscray City College our key values are:

ACHIEVEMENT
• A culture of achievement and the pursuit of personal excellence in learning
• Development of the full potential of the individual student, including their intellectual, creative, social, emotional and physical aspect
• Development of skills, attributes and confidence to meet the challenges of the future

RESPECT
• Respect for others, the environment and self
• Respect for learning
• Respect for each other’s differences and talents
From these three key values come a set of basic rights that are fair and applicable to everyone

**OUR KEY RIGHTS ARE**

- Students and teachers have the right to do as much work as possible
- Students and teachers have the right to feel comfortable and safe
- Students and teachers have the right to expect we all make a positive contribution
THE YEAR 10 PROGRAM

The purpose of this Handbook is for students and parents to read and become familiar with units offered at Year 10 and to then map out and choose a suitable program. The program choices can be made on the Year 10 Selection Sheet. The final program for any student will then be confirmed by the college.

It is important to understand the structure of Year 10. Compulsory Core Units are undertaken along with elective Specialist Units that may be added to the Core. Further detail and explanation of Core and Specialist units is contained in this Handbook and sample programs are set out on the next page. Note that a unit of study is one semester in length.
### COMPULSORY CORE UNITS:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>Two units: common for all students</td>
</tr>
<tr>
<td>Maths</td>
<td>Two units: selected from one of Maths for the Future, General Maths, or Advanced Maths</td>
</tr>
<tr>
<td>Health Ed/Phys Ed/Future Directions</td>
<td>Two units: common for all students</td>
</tr>
<tr>
<td>Humanities</td>
<td>One Unit: selected from one of History or Big History Project</td>
</tr>
<tr>
<td>Science</td>
<td>One unit: selected as their core</td>
</tr>
<tr>
<td>Art/Technology</td>
<td>One unit: selected as their core</td>
</tr>
</tbody>
</table>

### ADDITIONAL SPECIALIST UNITS:

Students are able to add to their compulsory core studies in all curriculum areas by selecting from a range of one-semester length specialist units. This provides students with the opportunity to expand upon their particular interests and ambitions.

<table>
<thead>
<tr>
<th>Subject</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Arts</td>
<td>Art, Dance, Digital Art, Drama, Fashion and Textiles, Music Performance, Photography, Visual Communication, Media</td>
</tr>
<tr>
<td>English</td>
<td>Creative Writing, Literature</td>
</tr>
<tr>
<td>EAL</td>
<td>Oral History, Australian Outlooks</td>
</tr>
<tr>
<td>Health PE</td>
<td>Advanced Sport - Coaching, Fit For Life and Outdoor Education</td>
</tr>
<tr>
<td>Humanities</td>
<td>Make Poverty History, Legal Studies, Big History Project, Young Researchers</td>
</tr>
<tr>
<td>Languages</td>
<td>Italian, Japanese</td>
</tr>
<tr>
<td>Maths</td>
<td>Advanced Algebra</td>
</tr>
<tr>
<td>Science</td>
<td>Biology, Chemistry, General Science, Psychology, Physics, Environmental Science</td>
</tr>
</tbody>
</table>
## THE YEAR 10 PROGRAM

<table>
<thead>
<tr>
<th>SEMESTER 1</th>
<th>CORE English /EAL</th>
<th>CORE Maths Unit</th>
<th>CORE Health/PE &amp; Future Directions</th>
<th>CORE Humanities Unit</th>
<th>CORE Art / Technology Unit</th>
<th>SPECIALIST Unit</th>
<th>VCE / SPECIALIST Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEMESTER 2</td>
<td>CORE English /EAL</td>
<td>CORE Maths Unit</td>
<td>CORE Health/PE &amp; Future Directions</td>
<td>CORE Science Unit</td>
<td>CORE Art / Technology Unit</td>
<td>SPECIALIST Unit</td>
<td>VCE / SPECIALIST Unit</td>
</tr>
</tbody>
</table>

### SAMPLE PROGRAMS

#### STUDENT A: MATHS/SCIENCE ORIENTED PROGRAM

<table>
<thead>
<tr>
<th>SEMESTER 1</th>
<th>CORE English /EAL</th>
<th>Advanced Maths</th>
<th>Health/ PE / Future Directions</th>
<th>History</th>
<th>Photography</th>
<th>Chemistry</th>
<th>Legal Studies</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEMESTER 2</td>
<td>CORE English /EAL</td>
<td>Advanced Maths</td>
<td>Health/ PE / Future Directions</td>
<td>Biology</td>
<td>Physics</td>
<td>Advanced Algebra</td>
<td>Electronics and Robotics</td>
</tr>
</tbody>
</table>

#### STUDENT B: HUMANITIES ORIENTED PROGRAM

<table>
<thead>
<tr>
<th>SEMESTER 1</th>
<th>English /EAL</th>
<th>General Maths</th>
<th>Health/ PE / Future Directions</th>
<th>History</th>
<th>Art</th>
<th>Literature</th>
<th>Japanese</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEMESTER 2</td>
<td>English /EAL</td>
<td>General Maths</td>
<td>Health/ PE / Future Directions</td>
<td>General Science</td>
<td>Make Poverty History</td>
<td>Psychology</td>
<td>Japanese</td>
</tr>
</tbody>
</table>

#### STUDENT C: ARTS ORIENTED PROGRAM

<table>
<thead>
<tr>
<th>SEMESTER 1</th>
<th>English /EAL</th>
<th>General Maths</th>
<th>Health/ PE / Future Directions</th>
<th>History</th>
<th>Digital Art</th>
<th>Visual Communication</th>
<th>Creative Writing</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEMESTER 2</td>
<td>English /EAL</td>
<td>General Maths</td>
<td>Health/ PE / Future Directions</td>
<td>General Science</td>
<td>Art</td>
<td>Drama</td>
<td>Media</td>
</tr>
</tbody>
</table>

#### STUDENT D: PERFORMING ARTS ORIENTED PROGRAM

<table>
<thead>
<tr>
<th>SEMESTER 1</th>
<th>English /EAL</th>
<th>General Maths</th>
<th>Health/ PE / Future Directions</th>
<th>Big History</th>
<th>Drama</th>
<th>Music Performance</th>
<th>VCE Theatre Studies</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEMESTER 2</td>
<td>English /EAL</td>
<td>General Maths</td>
<td>Health/ PE / Future Directions</td>
<td>General Science</td>
<td>Literature</td>
<td>Music Performance</td>
<td>VCE Theatre Studies</td>
</tr>
</tbody>
</table>

#### STUDENT E: TECHNOLOGY / HANDS-ON ORIENTED PROGRAM

<table>
<thead>
<tr>
<th>SEMESTER 1</th>
<th>English /EAL</th>
<th>Advanced Maths</th>
<th>Health/ PE / Future Directions</th>
<th>History</th>
<th>Design Tech Wood</th>
<th>Systems Tech Auto</th>
<th>Horticulture</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEMESTER 2</td>
<td>English /EAL</td>
<td>Advanced Maths</td>
<td>Health/ PE / Future Directions</td>
<td>Biology</td>
<td>Sustainable Architecture</td>
<td>Visual Communication</td>
<td>Slow Food</td>
</tr>
</tbody>
</table>
ENGLISH / EAL
At Year 10 students continue to develop their critical understanding and control of the English language. They are provided with a broad range of closely connected learning experiences designed to encourage them to become more confident, thoughtful, discriminating and imaginative communicators as readers, viewers, writers, speakers and listeners in both formal and informal situations. In order to prepare Year 10 students for VCE, the course is structured to mirror the areas of study of the new VCE English study design while reflecting the level ten AusVELs standards.

THE TWO AREAS OF STUDY ARE:

Area of Study 1 (Semester 1) - Reading and Creating:
In this area of study students explore how meaning is created in a text. Students identify, discuss and analyse decisions authors have made. They explore how authors use structures, conventions and language to represent characters, settings, events, explore themes, and build the world of the text for the reader. Students investigate how the meaning of a text is affected by the contexts in which it is created and read. They consider the similarities and differences between texts, developing awareness that some features are specific to texts, while others are similar across texts. Students develop the ability to respond to texts in written and spoken and/or multimodal forms. They develop creative responses to texts, where they explore how purpose and audience affect the choices they make as writers in developing ideas and planning work, making choices about structure, conventions, and language to develop voice and style. They also practise the skills of revision, editing and refining for accuracy and stylistic effect.

Area of Study 1 (Semester 2) - Reading and Comparing:
In this section of the course, students explore how comparing texts can provide a deeper understanding of ideas, issues and themes. They investigate how the reader’s understanding of one text is broadened and deepened when considered in relation to another text. Students produce a written comparison of selected texts, discussing important similarities and differences, and exploring how the texts deal with similar or related ideas, issues or themes from different perspectives. They develop an understanding of the choices available to writers and creators of texts, and the ways in which comparing texts can offer an enriched understanding of ideas, issues or themes. They use the features of written analysis and textual evidence soundly and appropriately, dealing in detail with the ideas encountered in the texts.

Area of Study 2 - Analysing and Presenting Argument:
Semester 1
In semester 1, students focus on the analysis and construction of texts that attempt to influence an audience. They read a range of texts that attempt to position audiences in a variety of ways. They explore the use of language for persuasive effect and the structure and presentation of argument. They consider different types of persuasive language, including written, spoken, and visual, and combinations of these, and how language is used to position the reader.

Semester 2
In semester 2, students practise developing and presenting reasoned points of view on issues of contemporary social relevance. In constructing arguments they focus on the logical development of their own ideas, and select evidence and language to support their arguments.
OUTCOMES

Outcome One

• Semester 1: On completion of this unit the student should be able to produce analytical and creative responses to texts.

• Semester 2: On completion of this unit the student should be able to compare the presentation of ideas, issues and themes in two texts

Outcome Two

• Semester 1: On completion of this unit the student should be able to analyse how argument and persuasive language can be used to position audiences, and create their own texts intended to position audiences.

• Semester 2: On completion of this unit the student should be able to identify and analyse how argument and persuasive language are used in text/s that attempt to influence an audience, and create a text which presents a point of view.

ASSESSMENT TASKS

• Text Response
• Creative Response to a text
• Analysis Task
• Persuasive language task
• Exam

MATERIALS & EQUIPMENT

• English folder with four sections, one for each Area of Study
• Plastic pockets and display folder
• Dictionary / thesaurus (optional)
• Texts: TBA
• USB

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S

VCE English

COST $25.00 Per semester
**LITERATURE**

**DESCRIPTION**

Students focus on the ways literary texts represent human experience, ideas and views of life. Students respond to a range of texts personally, critically and creatively. A wide range of texts are used for study including, poetry, prose, drama and non-print text. Students will also extend their exploration of the ideas and concerns of the text and their understandings of the ways their own culture and other cultures are represented in literature.

**OUTCOMES**

**Outcome One:** Interpretation of the ways in which the ideas and concerns of a text are presented.

**Outcome Two:** Analysis, interpretation and evaluation of ideas, conventions and beliefs suggested by a text.

**Outcome Three:** Original creative response based on a text with reflective commentary.

**ASSESSMENT TASKS**

- Text Response Work
- Written Responses to Class Texts
- Examination

**MATERIALS & EQUIPMENT**

- Folder and associated organisational items
- USB

Set texts (poetry provided) To be selected from the following:

- Antigone (play) - Sophocles
- Oedipus Rex (play) - Sophocles
- Beowulf (graphic novel and film) – Gareth Hinds
- Picture of Dorian Gray (novella and film) – O.Wilde
- Pleasantville (film) – dir. Gary Ross
- Dark City (film) – dir. Alex Proyas
- A collection of poetry
- The Complete Maus (graphic novel) – A. Spiegleman

**PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S**

VCE English & Literature

**COST** $30.00
CREATIVE WRITING  Specialist Unit

DESCRIPTION
Students read a range of texts, with comprehension, enjoyment and discernment, and they develop competence and confidence in writing, particularly sustained text responses and timed responses. Students develop their understanding of oral language in different contexts. Students discuss and analyse the ideas, themes and issues in the set texts, and construct a range of responses. Students study the context theme, ‘The Individual and Society’ and write creatively about this, taking into account context, purpose and audience.

OUTCOMES

Outcome One
Demonstrate knowledge of the creative process using research to explore a range of methods and styles of writing

Outcome Two
Demonstrate an understanding of audience, purpose and cultural influences in the writing process

Outcome Three
Demonstrate creative solutions to plot, characterisation, dialogue and theme

ASSESSMENT TASKS

• Writing Folio
• Text Responses
• Examination

MATERIALS & EQUIPMENT

• Folder or Section of a Folder
• A 4 lined paper
• Plastic A4 pockets
• Folder dividers
• Pens, pencils, etc.,
• USB

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S

VCE English, Literature, Drama & Theatre Studies.

COST
$30.00
Throughout this semester you will be exploring a variety of texts including novels, media texts (e.g. newspapers, internet articles and magazines), films, and independent reading. Emphasis will be developing the communicative capacity of students, especially their pronunciation and intonation. Argumentative and persuasive essays will be also studied.

**OUTCOMES**

**Outcome One:** Identify and discuss key aspects of a set text, and to construct a response in oral or written form.

**Outcome Two:** Create and present texts taking account of audience, purpose and context

**Outcome Three:** Identify and discuss, either in writing and/or orally, how language can be used to persuade readers and/or viewers

**ASSESSMENT TASKS**

The following tasks will be assessed and the results included on your semester report.

- oral presentations and participation
- text study
- writing activities/folio
- issues folio
- examination

**MATERIALS & EQUIPMENT**

**Texts:**
- The Oxford Bookworm version of the Elephant Man and film version
- Rebel Girl (by Susan Geason)

You are required to bring the following materials and equipment to class:

- A4 size exercise books (covered in plastic)
- exercise book to be used for vocabulary (covered in plastic)
- plastic-pocket folder
- scissors and glue
- highlighters (a packet of 5)
- ruler
- red, blue and black pens,
- a small dictionary/thesaurus

**PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S**

VCE EAL

**COST** $25.00 per semester
DESCRIPTION
Throughout the year students develop skills in the four macro areas of listening, speaking, reading and writing. Students also develop an understanding of Australian Indigenous and migration history.

OUTCOMES

Outcome One  Identify and discuss key aspects of a set text, and to construct a response in oral form.

Outcome Two  Create and present texts taking account of audience, purpose and context.

Outcome Three  Identify and discuss orally, how language can be used to persuade readers and/or viewers.

ASSESSMENT TASKS

• A detailed research assignment on “My Story” outlining your own story as a migrant and the experiences unique to your migration OR A detailed research assignment on a famous Aboriginal and Torres Strait Islander and his/her experiences living in Australia.
• Interviewing a recent migrant gathering information about why this person migrated and became an Australian citizen.
• Oral presentation - “The benefits of Multiculturalism in Australian Society”
• Exam

MATERIALS & EQUIPMENT

• A4 exercise book
• Display folder
• Memory stick
• Pens, pencils, ruler, eraser

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S

VCE EAL & Australian and Global Politics

COST  $30.00
This unit focuses on the geographical structure of Australia, the history of Australian settlement, the Immigrants who helped settle Australia and the Political systems that have operated in Australia since Federation. Students also develop analytical and research skills.

**OUTCOMES**

**Outcome One:** Demonstrate an understanding of the physical boundaries and land forms of Australia and how these have affected human settlement patterns

**Outcome Two:** Identify and show the contribution that migrants have made to the development of Australia

**Outcome Three:** Understand the roles of political parties and voting systems in Australia

**ASSESSMENT TASKS**

- Extended writing task
- Research task
- Oral Presentation
- Exam

**MATERIALS & EQUIPMENT**

- A4 exercise book
- Display folder
- Memory stick
- Pens, pencils, ruler, eraser

**PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S**

VCE EAL & Australian and Global Politics

**COST**

$30.00
DESCRIPTION

Maths for the Future provides for the continuing mathematical development of students entering Foundation Mathematics at VCE, who need mathematical skills to support their other VCE subjects, including VET studies, and who do not intend to undertake Unit 3 and 4 studies in VCE Mathematics in the following year. In Maths for the Future there is a strong emphasis on using mathematics in practical contexts relating to everyday life, recreation, work and study. Students are encouraged to use appropriate technology in all areas of their study.

OUTCOMES

Outcome One: Confidently and competently use mathematical concepts and skills in the Area of Studies Patterns and Number and Measurement.

Outcome Two: Apply and discuss mathematical procedures to solve practical problems in familiar and new contexts, and communicate their results in the Area of Studies Patterns and Number and Measurement.

Outcome Three: Select and use technology to apply mathematics in a range of practical contexts in the Area of Studies Patterns and Number and Measurement.

ASSESSMENT TASKS

Topic Tests
Project Tasks
Examination

MATERIALS & EQUIPMENT

- Footscray City College (FCC) Booklet 1 & 2
- 1 Exercise Book
- Standard Calculator

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S

VCE Foundation Maths

COST  $25.00 per semester
GENERAL MATHS

DESCRIPTION

General Mathematics provides courses of study for a broad range of students. The areas of study for General Mathematics are 'Arithmetic', 'Data analysis and simulation', 'Algebra', 'Graphs of linear and non-linear relations', 'Decision and business mathematics' and 'Geometry and trigonometry'.

OUTCOMES

Outcome One Define and explain key concepts in Linear and Quadratic functions, graphs and algebra, applying a range of related mathematical routines and procedures.

Outcome Two Apply mathematical processes in non-routine contexts and analyse and discuss these applications.

Outcome Three Select and appropriately use scientific calculators, spreadsheets and other computer facilities to develop ideas, produce results and carry out analysis in situations requiring mathematical problem solving and modelling.

ASSESSMENT TASKS

- Topic Tests
- Problem-solving and Modelling tasks
- Examination

MATERIALS & EQUIPMENT

- Textbook – To be advised
- 1 Exercise Book
- Scientific Calculator – Abacus SX II Matrix
- Graphic Calculator – TI – INSPIRE (if aiming for Maths Methods in Year 11).

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S

VCE General Maths & possibly Math Methods

COST $25.00 per semester
ADVANCED MATHS

DESCRIPTION

The areas of study are ‘Linear and Quadratic Functions and graphs’, ‘Algebra’ and ‘Probability’. Students are expected to be able to apply techniques, routines and processes involving rational and real arithmetic, algebraic manipulation, equation solving and graph sketching, with and without the use of technology, as applicable. Students should be familiar with relevant mental and by hand approaches in simple cases.

OUTCOMES

Outcome One Define and explain key concepts in Linear and Quadratic functions, graphs and algebra, applying a range of related mathematical routines and procedures.

Outcome Two Apply mathematical processes in non-routine contexts and analyse and discuss these applications.

Outcome Three Select and appropriately use scientific calculators, spreadsheets and other computer facilities to develop ideas, produce results and carry out analysis in situations requiring mathematical problem solving and modelling.

ASSESSMENT TASKS

- Topic Tests
- Projects
- Problem-solving and Modelling tasks
- Examination

It would be expected that students use technology in a range of assessment tasks outlined above.

MATERIALS & EQUIPMENT

- Textbook – To be advised
- 1 Exercise Book
- Scientific Calculator – Abacus SX II Matrix
- Graphic Calculator – TI – INSPIRE if you aim to do Maths Method 1 & 2 at year 11 and then Maths Method 3 & 4 and/or Specialist Maths at year 12.

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S

VCE Math Methods, General Maths & Specialist Maths

COST $25.00 per semester
**DESCRIPTION**

Advanced Algebra is a unit that will provide capable mathematics students with additional skills in algebra as a preparation for the study of VCE Mathematical Methods 1 & 2 and/or General Mathematics B 1 & 2. The unit aims to build on previously developed skills in mathematics and to extend skills in a selection of the following specific areas: Matrices and vectors, Quadratic Functions, Cubic Functions, Binomial Theorem and Coordinate Geometry.

**OUTCOMES**

**Outcome One**
Define and explain key concepts in Linear and Quadratic functions, graphs and algebra, applying a range of related mathematical routines and procedures.

**Outcome Two**
Apply mathematical processes in non-routine contexts and analyse and discuss these applications.

**Outcome Three**
Select and appropriately use scientific calculators, spreadsheets and other computer facilities to develop ideas, produce results and carry out analysis in situations requiring mathematical problem solving and modelling.

**ASSESSMENT TASKS**

- Topic Tests
- Skills exercises
- Examination

It would be expected that students use technology in a range of assessment tasks outlined above.

**MATERIALS & EQUIPMENT**

- Footscray City College (FCC) Booklet 1 & 2
- 1 Exercise Book
- Scientific Calculator – Abacus SX II Matrix
- Graphic Calculator –TI – INSPIRE (if aspiring to Math Methods Year 11)

**PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S**

VCE Math Methods & specialist Maths

**COST**

$25.00 per semester
ARTS
**ART**

**Specialist Unit**

**DESCRIPTION**

Year 10 Art is an introduction to the design process of making and creating artworks by considering technical explorations and possible ideas. Students will explore a range of 2D and 3D mediums to help them in developing their own style. Students also critically discuss and examine the work of artists both traditional and contemporary.

**OUTCOMES**

**Outcome One**
Creation of a folio of design work using a variety of materials and techniques

**Outcome Two**
Identification of the way artists from different times and locations have sources inspiration and produced artwork

**ASSESSMENT TASKS**

- Painting Folio
- Drawing Folio
- Mixed Media Folio
- Visual Diary
- Written Research Task
- Examination

**MATERIALS & EQUIPMENT**

- Visual Diary (A4 or A3) supplied by student.
- Subject levy enables school to purchase materials at cost price.

**PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S**

VCE Studio Arts & Art

**COST**

$30.00
Year 10 Dance has both theoretical and practical components. In practical classes students will participate in technique classes and choreographic classes. They will learn and perform a class group dance and will be involved in the choreography and performance of a solo/duo/small group dance. In theoretical classes students will learn about analysis of dances choreographed by other choreographers and will look critically at the processes involved in choreographing, rehearsing and performing their own dances.

**OUTCOMES**

**Outcome One**  
Describe the safe use, care and functions of a dancer’s body.

**Outcome Two**  
Discuss choices made by dance makers in the development of their own and the dance works of others.

**Outcome Three**  
Compose and perform group or solo works demonstrating expressive use of a range of body actions, and perform a learnt group dance work.

**ASSESSMENT TASKS**

- Anatomy Test
- Performance of solo/small group choreography
- Dance Analysis Written Report
- Performance of group dance work
- Examination

**MATERIALS & EQUIPMENT**

- Appropriate clothing in which to dance
- College Diary
- A4 Exercise Book for Theory work

**PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S**

VCE Dance

**COST**  
$70.00
DESCRIPTION

Students learn skills in digital animation, digital drawing and digital photography applying the tools and techniques of Photoshop Elements and Flash Animation. Each student completes a series of skill building exercises and makes a product exploring a theme in each area. Students learn to design and plan for the making of their products and to document the decisions they have made and the skills they have developed. Students also learn about the work of artists working in the digital environment. They complete worksheets and research tasks.

OUTCOMES

Outcome One
Creation of a folio of design work using a variety of materials and techniques.

Outcome Two
Identification of the way artists from different times and locations have sourced inspiration and produced artworks.

ASSESSMENT TASKS

• Folio
• Photoshop Folio tasks.
• Flash Folio Tasks
• Major Flash Animation
• Examination

MATERIALS & EQUIPMENT

The following are essential items that ALL students are expected to bring to class.

• College diary
• An A4 workbook and an A3 sketch pad
• A USB Flash memory card
• Pens & pencils

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S

VCE Art & Studio Arts

COST
$30.00
DRAMA

DESCRIPTION

One term of this drama course will focus on contemporary theatre styles and issues based playbuilding. Students will learn about the work of Brecht and Boal, use improvisation and physical theatre skills, and create their own piece of theatre based on a current controversial theme. In the second half of the course, students learn to use the skills of Commedia dell’Arte, using slapstick, farce and melodrama. Workshops will focus on clowning and mime and students will work towards creating a comic character derived from these well known traditions. Students attend a play in each term, and one workshop day.

OUTCOMES

Outcome One

Devise and document ensemble drama works based on experiences and/or stories

Outcome Two

Analyse the development and performance to an audience of a non-naturalistic devised work

Outcome Three

Perform a devised dramatic work to an audience

ASSESSMENT TASKS

• Research Assignment – Study of a Performance.
• Study and Performance of a Scripted Play
• Practical Scene Work
• Examination

MATERIALS & EQUIPMENT

• Comfortable clothes for performance includes theatre blacks.
• Journal or visual diary
• USB

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S

VCE Drama & Theatre Studies

COST

$70.00
FASHION / TEXTILES Specialist Unit

DESCRIPTION

Year 10 Fashion/Textiles is an introduction to the design process of making and creating art works from textiles and fabric. Students will explore design possibilities and a variety of textile techniques to create art works including garments and textile products. Students will research the works of artists and designers in the Fashion and Textile Industry.

OUTCOMES

Outcome One  Creation of a folio of design work using a variety of materials and techniques

Outcome Two  Use of concepts of representation, selection, omission and construction in the evaluation of media texts

ASSESSMENT TASKS

Visual Diary

- Visual Diary
- Folio of finished works
- Research Assignments
- Examination

MATERIALS & EQUIPMENT

- Visual diary (A4 or A3) supplied by student.
- Basic materials supplied and additional specialised fabrics to be supplied by students according to designs.

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S

VCE Studio Arts & Art

COST  $70.00
This study explores technologies, such as digital, audiovisual, print and interactive media, which entertain and communicate personally, socially, culturally and globally. In this unit students analyse the relationship between media and social values, and the nature and extent of media influence. Students develop an understanding of the role of narrative elements in fictional and documentary film. They learn about the specialist production stages and roles in media production, and develop practical skills in a group film or other production. Students complete a media production design plan and strengthen their communication skills and technical knowledge. This study is relevant for students who wish to undertake Media at VCE level. The study provides knowledge and skills in creative thinking, planning, analysis, creative expression and communication valuable for participation in, and contribution towards, contemporary society.

OUTCOMES

Outcome One
Describe and compare representations in a range of media texts and forms

Outcome Two
Use concepts of representation, selection, omission and construction in the evaluation of media texts

Outcome Three
Discuss how the media can influence perspectives and social values

Outcome Four
Demonstrate specialist production skills within collaborative media productions and explain and reflect on the media production process.

ASSESSMENT TASKS

• Production of Short Film
• Stages & Roles of Film Production Research
• Production of video blog
• Oral Presentation of Australian Film
• Examination

MATERIALS & EQUIPMENT

• A4 exercise book
• A3 or A4 sketchbook or visual art diary (unlined)
• USB memory stick
• Earphones
• College Diary
• Pens

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S
VCE Media

COST $70.00
DESCRIPTION

This unit focuses on building the skills required to be a performing musician. Students rehearse and present performances in groups and as soloists, and develop their musicianship through aural, theory and analysis tasks. These skills are then used to generate creative ideas for song writing. A number of contemporary music styles will be used as the focus for study.

OUTCOMES

Outcome One  Performance
Outcome Two  Performance Technique
Outcome Three  Musicianship

ASSESSMENT TASKS

- Group Performance
- Solo Performance
- Theory, Aural and Listening tasks
- Finished pieces of music derived from computer programs and group work
- Examination

MATERIALS & EQUIPMENT

- Musicianship and Aural training for the Secondary School Music Level 2 (student book and CD's for dictations)
- Music Exercise Book
- USB Flash drive
- Pencils and erasers

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S

VCE Music Performance & VET Technical Production (Music)

COST  $70.00
DESCRIPTION

The study of Photography includes both analogue and digital photography. This means students will have the opportunity to use black and white film and the darkroom to print photographs in a traditional way. Students will also have the opportunity to work with digital cameras and computer programs to enhance and manipulate their images. Students will study the work of well known photographers to gain an understanding on the many different approaches photographers use to explore the world around them.

OUTCOMES

Outcome One  
Application of design elements, principles and composition in personal art works

Outcome Two  
Identification of knowledge of photographic equipment, and techniques

Outcome Three  
Application of terminology relating to art analysis

ASSESSMENT TASKS

- Design elements and composition task
- Landscape task
- Digital photography portrait task
- Digital photography montage task
- Digital photography abstract task
- Written analysis of design elements and composition in selected art works
- Examination

MATERIALS & EQUIPMENT

- Photographic materials and equipment are provided by the school. Students are requested to pay a materials levy to assist with the purchase of photographic materials.

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S

VCE Art & Studio Arts

COST  
$70.00
DESCRIPTION

Visual Communication is the only truly global language. It is about communicating ideas, information, solutions, feelings and more using drawings, images and graphics. There are a variety of globally accepted drawing conventions which are studied and practised to allow students to develop ideas and solutions to specific visual needs. Students apply a design process and consider design elements and principles in the development of their productions. Traditional freehand and instrumental drawing skills are demonstrated along with the use of specialised ICT software and equipment to expand students range in defining and producing their work pieces.

OUTCOMES

Outcome One
Use traditional drawing instruments and free hand sketching methods to design and produce 3D images that represent real objects.

Outcome Two
Use traditional drawing instruments and CAD software to produce Third Angle Orthogonal Drawings of a range of items.

Outcome Three
Apply a design process and use a range of software and other graphics media to produce design ideas and solutions to visual communication briefs.

ASSESSMENT TASKS

- Pictorial Drawings Collection
- Technical Drawings Package
- 3D CAD model
- Design Project Folio & Presentation
- Examination

MATERIALS & EQUIPMENT

- USB memory drive
- Visual Art Diary
- A4 Display booklet
- Good quality pencil set

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S

VCE Visual Communication and Design, Art, Studio Arts and VET Furnishing

COST

$30.00
HEALTH & PE, FUTURE DIRECTIONS
HEALTH EDUCATION Core Unit

DESCRIPTION

This study aims to help students develop an understanding of the physical, mental and social dimensions of health and the interrelationship between health and individual human development. As part of this program students will investigate social and cultural factors that influence the development of personal identity and values and the rights and responsibilities associated with developing greater independence, including those related to sexual matters and relationships. Students will investigate mental health issues relevant to young people and perceptions of challenge, risk and safety. They will also develop an understanding of appropriate assertiveness and resilience strategies. Students will look at the positive and negative outcomes of personal behaviours and community actions. Students will also look at health services and products provided by government/non-government bodies and analyse how these can be used to support the health needs of young people. Students will also participate in practical and theoretical classes on Pre-Driver education.

OUTCOMES

Outcome One Investigate and identify Mental Health issues relevant to young people

Outcome Two Investigate and identify knowledge of harm minimization strategies

ASSESSMENT TASKS

- Mental Health Research project
- Folio of Classwork
- Pre-Driver Education written and practical assessment
- Examination

MATERIALS & EQUIPMENT

- College Diary
- A4 Exercise book or folder
- USB Memory Stick
- FCC Health and PE Flexi-book (available from booklist)

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S

VCE Health and Human Development, Physical Education & VET Sport and Recreation

COST $30.00
PHYSICAL EDUCATION

DESCRIPTION

This study has both a theoretical and practical component. As part of this program students will develop proficiency in the execution of manipulative and movement skills during complex activities. They will also develop skill in the implementation of appropriate training methods to improve performance and fitness in specific activities. Students participate in peer teaching with a focus on skills development and provide constructive feedback to others in order to improve future performance. They will describe how they respect and clearly articulate on the effectiveness of learning in a team and will learn how to identify potential conflict and employ strategies to avoid/resolve it. Students will also learn how to apply their knowledge in delivering Biomechanics in a variety of settings.

OUTCOMES

Outcome One
Display appropriate behaviour and work collaboratively in teams in the practical areas of Physical Education.

Outcome Two
Understand the theory components of Physical Education including biomechanics, fitness components, performance enhancement and event management.

ASSESSMENT TASKS

- Full participation in practical classes
- Enhancing Performance Assessment and Fitness Analysis
- Biomechanics Tasks
- Examination

MATERIALS & EQUIPMENT

- Class workbook
- Appropriate Physical Education Clothing
- A4 loose leaf folder or A4 exercise book and pens
- College diary
- FCC Health and PE Flexi-book (available from booklist)

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S

VCE Health and Human Development, Physical Education & VET Sport and Recreation

COST
$30.00
ADVANCED SPORT & COACHING

DESCRIPTION

In this subject, you will study advanced movement and games skills related to a variety of sports. You will also develop an understanding of advanced sporting tactics and strategies; theoretical and technical components of these sports. You will learn and research various styles of Coaching, Leadership and the role of the coach, legalities, issues, careers, and various topics that assist knowledge in the Coaching role.

Examples of class activities include: completion of practical participation in a range of sports in order to analyse advanced skills, learning and use of Dartfish (Sport Analysis) software program to analyse Biomechanics and establish how to improve skill levels, plan and conduct sport coaching sessions, attend external samples of coaching sessions from various sports/clubs or sporting competitions, interviewing and analysis of a successful sports coach and the planning of a seasonal Coaching unit for a chosen sport.

OUTCOMES

Outcome One
Display appropriate sporting behaviour and work collaboratively to complete tasks in teams

Outcome Two
Demonstrate coaching skills and strategies that enhance sporting performance

Outcome Three
Explain and analyse the components of being a successful coach including different types of coaches and coaching styles

ASSESSMENT TASKS

• Research Tasks – including styles of coaching and types of coaching
• Participation in practical session
• Sport Analysis - Written report
• Planning and Development of a Seasonal Coaching Unit
• Exam

MATERIALS & EQUIPMENT

• Practical clothing

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S

VCE Health and Human Development, Physical Education, VET Sport and Recreation

COST

$30.00 + TBA for external activities
FUTURE DIRECTIONS

DESCRIPTION

A compulsory unit which involves one hour a week where students will be involved in a pathways program. Students will have the opportunity to explore possible career paths and gain knowledge in order to select appropriate pathway options for the senior years and life choices. Students will be required to undertake work experience as part of the program and be able to identify employability skills in the workforce. The pathways program is an important part of the school curriculum and will be reported on at the end of each semester. As a result students will need to complete all work tasks in order to successfully complete the outcomes.

OUTCOMES

Outcome One  Demonstrate an ability to effectively utilise and reflect upon a variety of personal learning tools

Outcome Two  Demonstrate an awareness of a variety of resources and strategies to effectively develop social and emotional well being

Outcome Three  Demonstrate an awareness of a variety of educational and career pathways

ASSESSMENT TASKS

• A Managed Individual Pathways Plan
• Work experience placement
• Safe@work certificate
• Career Portfolio
• Research Assignment
• Written Tasks
• Participation in excursions to University and TAFE institutions

MATERIALS & EQUIPMENT

• Display Folder
• Exercise Book
• USB Memory Stick
• Writing Materials

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S

Managed Individual Pathways Plan for selection of VCE program

COST

TBA - Excursions
FIT FOR LIFE

DESCRIPTION

In this elective, students will learn the keys to a healthy, fit lifestyle and participate in a range of practical and theoretical activities including a fitness assessment, strength and cardio training, healthy diet and relaxation techniques. Students develop appropriate training methods for improving fitness for specific activities and plans on how to improve or maintain regular participation in moderate to vigorous physical activity.

OUTCOMES

Outcome One
Analyse information from, and participate in a variety of fitness related activities

Outcome Two
Explain and apply the fitness components responsible for improved health and develop various fitness and training programs that would lead to enhancing a fit lifestyle

ASSESSMENT TASKS

• Pre and post Fitness Testing Analysis
• Resistance Training program development
• Written Research Report
• Full participation in all practical sessions
• Examination

MATERIALS & EQUIPMENT

• Appropriate practical clothing
• Theory workbook

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S

VCE Health and Human Development, Physical Education, VET Sport and Recreation

COST

$30 + practical activities and excursions
OUTDOOR EDUCATION

DESCRIPTION

This subject explores human interaction with outdoor environments. It is concerned with the impacts of humans on the physical environment and allows students to develop environmental awareness through a range of practical outdoor experiences. Expedition, navigation and wilderness first aid skills are a strong focus and lead into a three day camping expedition. Students will have the opportunity to develop skills in mountain biking, indoor/outdoor climbing, swimming and overnight hiking. Other topics will include personal safety and analysis of weather patterns.

OUTCOMES

Outcome One
Analyze the impact of human interaction on the environment with reference to specific outdoor experiences.

Outcome Two
Identify skills specific to expeditions, navigation and personal safety.

ASSESSMENT TASKS

• Research Assignment
• Expedition Skills
• Adventure Activities
• Folio
• Exam

MATERIALS & EQUIPMENT

• Equipment lists provided when required
• A4 Lined notebook
• Plastic Pockets

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S

VCE Outdoor and Environmental Studies, Physical Education & VET Sport and Recreation

COST

TBA
DESCRIPTION

At Year 10 students study the Modern World and Australia. Students investigate the causes, events, outcomes and broader impact of World War 2. Students then investigate struggles for human rights in the twentieth century with a focus on Indigenous Australians.

OUTCOMES

Outcome One
Investigate and analyse issues and the influences of leadership in the development of freedom and independence movements

Outcome Two
Recognize civil rights and explain how different policies impacted on the freedom and independence of peoples

ASSESSMENT TASKS

- Essay
- Oral Presentation
- Exam

MATERIALS & EQUIPMENT

- College Diary
- Oxford Big Ideas History 10
- USB memory stick
- Earphones/headphones
- A4 folder, dividers and A4 paper
- A4 display book and plastic pockets

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S

VCE Humanities subjects: History – Twentieth Century & Revolutions and Global Politics. This course will also prepare students for the full range of VCE subjects through the development of general understanding of world issues, research skills and writing skills.

COST
$30.00
BIG HISTORY PROJECT

DESCRIPTION

Developed by historian David Christian at Macquarie University and funded by Bill Gates of Microsoft, Big History offers a fresh perspective on the history of the universe, the Earth and the ‘globalised’ world in which we live. The unit draws on key themes, questions and outcomes from VCE Philosophy, History and Australian and Global Politics study designs. Students will focus on three major themes; the nature and role of Science, the political significance of agrarian civilizations and the dilemmas of growing up in the globalised and commercialised fossil fuel era.

OUTCOMES

Outcome One  Apply methods of philosophical inquiry to the analysis of religious and scientific arguments for the origins of the Universe, the Earth and humans.

Outcome Two  Evaluate the role of ideas, leaders, movements and events in the development of the French Revolution.

Outcome Three  Explain the characteristics of contemporary global crises; environmental degradation and economic instability.

ASSESSMENT TASKS

- Reflective journal entries
- Independent research paper
- Essay – the probable future
- Exam

MATERIALS & EQUIPMENT

- Maps of Time: An introduction to Big History by David Christian
- Booklet of reading materials
- Exercise book

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S

VCE English, Literature, Philosophy, History – Twentieth Century/Revolutions, Australian and Global Politics & Environmental Science.

COST  $30.00
MAKE POVERTY HISTORY

DESCRIPTION

Students will study units related to Economics and Geography, examining globalisation, world development, sustainability and human rights issues. They will explore how these matters influence society and the environment both nationally and internationally.

OUTCOMES

Outcome One  Identify patterns of development and U.N. Millennium Development Goals
Outcome Two  Explain the Human Development Index and sustainability
Outcome Three  Outline factors affecting water as a resource and generalise about solutions to water scarcity

ASSESSMENT TASKS

• Extended writing task/expository essay
• Research task.
• Analysis task.
• Exam

MATERIALS & EQUIPMENT

• College Diary
• USB memory stick
• Earphones/headphones
• A4 folder, dividers and A4 paper/exercise book
• A4 display book and plastic pockets

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S

VCE Humanities subjects: History – Twentieth Century & Revolutions and Global Politics. This course will also prepare students for the full range of VCE subjects through the development of general understanding of world issues, research skills and writing skills

COST  $30.00
DESCRIPTION
This unit explores legal and non-legal rules. It focuses on criminal law with an investigation into the ‘Jack the Ripper’ case. A study of the court system with visits to the Magistrates, County and Supreme courts. Sources of law are explored with particular attention to Parliament and Precedent. Students participate in a mock trial.

OUTCOMES
Outcome One  
Explain the need for effective laws and describe the main sources and types of laws in society

Outcome Two  
Explain the key principles and types of criminal law, apply the key principles to relevant cases and discuss the impact of criminal activity on the individual and society

Outcome Three  
Describe the processes for the resolution of criminal cases and discuss the capacity of these process to achieve justice

ASSESSMENT TASKS
- Folio and Reports
- Oral Presentation
- Assignment
- Exam

MATERIALS & EQUIPMENT
- A4 loose leaf folder
- Pens
- Plastic pockets

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S
VCE Humanities subjects: Legal Studies, Australian and Global Politics, History - Twentieth Century and Revolutions, Outdoor and Environmental Studies, Philosophy, Business Management, Accounting and Economics.

This course will also prepare students for the full range of VCE subjects through the development of general understanding of world and local issues, research and writing skills.

COST  $30.00
YOUNG RESEARCHERS

DESCRIPTION

In this unit students will study how the Footscray community is changing. Small student teams will each research a key issue of local community change (in jobs, politics and the environment). Teams will share knowledge and ideas to imagine how Footscray might look in the future and how we might act to improve the Footscray community. Teams will prepare displays of their research findings. At the end of the semester, teams will use these displays to talk with audiences – friends, teachers, parents, community members, tertiary educators – about what they have learned and how they see Footscray changing.

OUTCOMES

Outcome One: Develop research skills using multiple media to investigate local community issues that affect our own and others’ futures.

Outcome Two: Understand how local and global social changes are connected.

Outcome Three: Develop an understanding of being a social citizen who can work collaboratively with others to imagine and pursue desirable futures.

ASSESSMENT TASKS

- Team displays of information and knowledge developed through research that include individual folders of contribution
- Team presentations to audiences that include an individual contribution
- Classroom participation
- Exam

MATERIALS & EQUIPMENT

- School netbook
- USB memory stick
- Notepad and pens
- Display folders

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S

VCE Humanities subjects: Australian and Global Politics, History - Twentieth Century and Revolutions, Outdoor and Environmental Studies, Philosophy, Legal Studies, Business Management, Accounting and Economics.

This course will also prepare students for the full range of VCE subjects through the development of general understanding of world and local issues, research and writing skills.

COST: $30.00
JAPANESE

DESCRIPTION

Students will continue to develop their writing, reading, listening and speaking skills. Classroom activities and assessment tasks are designed to address each of these areas. Year 10 Japanese language is designed to prepare students for VCE Japanese.

OUTCOMES

Outcome One
Establish and maintain a spoken or written exchange related to personal areas of experience

Outcome Two
Listen to, read and obtain information from spoken and written texts

Outcome Three
Produce a personal response to a text focusing on real or imaginary experience

ASSESSMENT TASKS

• Classroom activities folio
• Oral presentation,
• Kanji and vocabulary dictionary
• Tests
• Examination

MATERIALS & EQUIPMENT

• Textbook (To be announced later in the year)
• Japanese-English dictionary (Oxford Pocket Kenkyusha Japanese dictionary recommended)
• Exercise book
• Display folder
• Pencil/Mechanical pencil (NO pens)
• Eraser

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S

VCE Japanese

COST

$30.00
**ITALIAN**

**SPECIALIST UNIT (to be undertaken in both semesters 1 and 2)**

**DESCRIPTION**

Students will learn communication skills in Italian that assist their understanding of the connections between the language and culture. Focus will be on reading and comprehension, speaking and effectively using appropriate pronunciation, writing in paragraphs and using new vocabulary and grammatical structures through a range of different mediums. Topics covered are travel, tourism, ancient Italian history and industry.

**OUTCOMES**

**Outcome One**
Establish and maintain a spoken or written exchange related to personal areas of experience

**Outcome Two**
Listen to, read and obtain information from spoken and written texts

**Outcome Three**
Produce a personal response to a text focusing on real or imaginary experience

**ASSESSMENT TASKS**

**Area 1**
- Monologue presentation: The students are required to present a 2 minute monologue to the class regarding their characteristics, personality traits, interests and hobbies.
- Dialogue with a partner: Informal assessment requiring students to have an interactive conversation with a classmate. Question and answer style
- Listening and writing exam.

**Area 2**
- Power point presentation: a brief presentation on the day in the life of an Italian youth and the differences and similarities between teenage Australian and Italian culture. Images and audio to be included
- Listening and writing exam

**Area 3**
- Essay: a 1000 word essay on Italian tourism in Australia, how it benefits Australia, and how Australian culture is influenced by Italian culture. A brief look into Australian tourism in Italy should also be noted
- Listening exam
- Written Exam

**MATERIALS & EQUIPMENT**

- Volare 2 course book
- Italian dictionary
- Scrap book
- Headphones
- USB
- Pens, glue stick, scissors, lead pencils, eraser, ruler, coloured pencils

**PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S**

VCE Italian

**COST**
$30.00
DESCRIPTION

In this subject students will investigate the following systems in the human body: digestive, circulatory, excretory and immune systems and also mechanisms of homeostasis. Students will be introduced to the chemical nature of the cell and the role of organelles in the production and transport of bio-molecules. Genetics is an important part of today’s society and students will be investigating DNA and the genetic code, transmission of heritable characteristics. Students will also be introduced to genetic engineering and biotechnology. The theory of evolution will be studied and students will investigate evidence for evolution and human evolution. The students will develop their practical skills, report writing and problem solving, as well as developing their understanding of biological concepts which are important throughout the VCE biology study design.

OUTCOMES

Outcome One  Describe and explain aspects of cellular structure and function. Can describe the characteristics of cells and the role of bio-molecules in cells

Outcome Two  Describe the function of enzymes and biochemical processes including explaining energy transformation in cells during photosynthesis and cellular respiration.

Outcome Three  Describe and explain the relationship between features and requirements of the functioning organism.

ASSESSMENT TASKS

• Unit Tests
• Practical reports: minimum of 4 in scientific format
• Workbook: Containing class and homework exercises and summary notes
• Examination

MATERIALS & EQUIPMENT

• Writing materials
• Exercise book
• Display folder
• Scientific Calculator (graphic is acceptable)
• USB

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S

VCE Biology, Environmental Science & VET Horticulture

COST  $30.00 plus excursion costs
CHEMISTRY

DESCRIPTION

This unit is recommended for students planning on doing chemistry in VCE. In this subject students will investigate the experiments and theories of famous scientists who have contributed to the development of the periodic table. Students will be introduced to the chemical unit called the mole, and use this in determining the formulas of chemical substances both theoretically and practically. Hydrocarbons are an important part of everyday life, and students will be investigating, in chemistry principles, how crude oil is refined. Students will also be introduced to the universal naming system for classifying hydrocarbons. Chemical interactions between surfaces are seen in medications, cosmetics, soaps, detergents, paints and even foods. Students will take a closer look at a number of everyday emulsions as well as making both temporary and permanent emulsions. The student will develop their practical skills, report writing and problem solving, as well as developing their understanding of critical chemistry concepts which are important throughout the VCE chemistry study design.

OUTCOMES

Outcome One
Understanding of the history of the periodic table, scientists who contributed and the role of theoretical and practical chemistry in society today

Outcome Two
Understanding of hydrocarbons including their chemical makeup and structure and importance to industry

Outcome Three
Understanding of the practical investigative process including practical technique and report writing

ASSESSMENT TASKS

- Research Report.
- Practical reports: minimum of 4 in scientific format
- Workbook; Containing class and homework exercises and summary notes
- Examination

MATERIALS & EQUIPMENT

- Writing materials
- Exercise book
- Display folder
- Scientific Calculator (graphic is acceptable)
- USB

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S

VCE Chemistry, Biology & Environmental Science

COST
$30.00
ENVIRONMENTAL SCIENCE

DESCRIPTION

In this subject students will further their understanding of the structure, function and diversity of natural ecosystems and biogeochemical cycles and evaluate the impacts of human activities on them.

Students are to examine strategies to maintain and protect the ecological health of the environment while meeting the needs and desires of human populations. They will investigate the interactions between natural and human systems and in doing so will consider several scientific disciplines including biology, ecology, physics, chemistry, geology and social sciences. This subject will thus complement students' current and future studies within these disciplines.

While undertaking this study, students will develop skills in practical scientific investigations, environmental fieldwork techniques, report writing, research and analysis.

OUTCOMES

Outcome One  Identify and describe the components and natural processes within the environment.

Outcome Two  Understand and use selected techniques to monitor the environment.

ASSESSMENT TASKS

- Research Report:
- Practical reports:
- Workbook: Containing class and homework exercises and summary notes
- Examination

MATERIALS & EQUIPMENT

- A4 exercise book or equivalent
- USB memory stick
- Earphones

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S

VCE Environmental Science, Biology & Chemistry

COST  $30.00 plus any specialist field activity costs.
General Science is recommended for all students wishing to attain a base understanding before undertaking a specialist unit in Year 10 Science. Students will cover basic physics, chemistry and biology with an emphasis in environmental sciences.

Force, mass and movement – Students will learn about Newton’s laws of motion, how forces work in everyday life, with a focus on motor vehicle safety. Genetics and Evolution – Students will investigate the basis for human heredity, inheritance and the origin of life on earth. They will also gain a greater understanding of current issues in the media including genetically modified food and organisms, genetic engineering and stem cell research. Practical exercises will be conducted, including the extraction of DNA from kiwifruit and observation under a microscope.

Environmental Sciences – Students investigate, create and produce a range of strategies and products that explore, encourage and communicate the responsible use and management of natural and processed resources.

**OUTCOMES**

**Outcome One**  Identify the adaptive behaviours that enable plants and animals to survive in their environments and the role of DNA and genes in determining patterns of inheritance.

**Outcome Two**  Understand the application of Newton’s 3 laws of Motion.

**ASSESSMENT TASKS**

- Research Report
- Practical reports
- Research assignment
- Unit Tests
- Examination

**MATERIALS & EQUIPMENT**

- Science Alive 6 – text book
- Exercise book
- Writing materials
- Diary
- USB

**PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S**

VCE Biology, Physics & Environmental Science

**COST**  $30.00 plus any specialist field activity costs.
DESCRIPTION

This unit is recommended for students interested in studying Psychology in VCE. Students will be introduced to some of the key psychologists and theories that have contributed to the development of this scientific discipline. Students will investigate areas of neuro, social, developmental and clinical psychology including the brain and nervous systems, consciousness, body language, relationships and group behaviour, normality and abnormality. Students will study how the science of Psychology is advanced through empirical psychological research by taking part in class experiments and activities to learn about scientific method and the ethics of using animals and humans in research. Students will develop an understanding of the major ideas of Psychology and the ways that knowledge is extended through research. They will develop skills in conducting empirical research, including data collection and analysis, critical evaluation of results, report writing and related ethical considerations.

OUTCOMES

Outcome One
Understand ethical principles that govern the study and practice of psychology and how to communicate psychological information, ideas and research findings

Outcome Two
Describe the lobes of the brain and some of their functions and understand the structure of the central and peripheral nervous systems

Outcome Three
Understand the application of psychology in personal, social and organisational contexts, and compare and evaluate psychological theories and concepts

ASSESSMENT TASKS

- Practical experimental reports presented in the appropriate scientific format
- Extended research assignment presented as podcast
- Workbook containing class notes and documenting participation in class activities and exercises
- Examination

MATERIALS & EQUIPMENT

- A4 exercise book
- USB memory stick
- Earphones
- College Diary

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S

VCE Psychology & Biology

COST

$30.00
DESCRIPTION

Physics is an elective subject designed for students who are interested in the physical sciences and who would like to study Year 11 and Year 12 Physics in their VCE. The course content looks at the nature of matter, including particle theory and radioactivity physics, dynamics/kinematics and forces, forms of energy, energy transfer and storage, electronics, waves and sound, light and astronomy. Students will take part in practical activities including rocketry and practical investigations into energy, forces, motion and the behavior and nature of light.

OUTCOMES

Outcome One

Explain the behaviour and properties of materials in terms of their constituent particles and the forces holding them together.

Outcome Two

Understand the application of Newton’s 3 laws of Motion by developing a qualitative and quantitative understanding of the relationships between force, mass and movement.

ASSESSMENT TASKS

- Topic Tests
- Workbook Class Exercises
- Practical Investigation Reports
- Examination

MATERIALS & EQUIPMENT

- Science Alive 6 E-book/textbook
- USB memory stick
- A4 Exercise book.

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S

VCE Physics

COST

$30.00 plus excursion costs
TECHNOLOGY
This unit is largely a “hands on” project based experience where students learn how to design and make products using a range of design and technology processes. Students learn how to assess and control risks, describe and quantify materials before using tools and machinery to manufacture projects made predominantly from timber. CAD software and wood machining including CNC machining are also features of the unit.

**OUTCOMES**

Outcome One

Assess, record and control the risks associated with using a range of woodworking equipment and technology processes to manufacture projects.

Outcome Two

Apply a design process to plan and fully specify a wood based project. The stages in the process will be documented in a project folio.

Outcome Three

Safely use a range of hand and wood machining tools and equipment to make various parts, assemble the parts and finish a wood design project to a high standard.

**ASSESSMENT TASKS**

- Practical Project Work
- Project Folio
- Research Assignment
- Examination

**MATERIALS & EQUIPMENT**

- TBA

**PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S**

VCE VET Furnishing & Visual Communication and Design

**COST**

$70.00
FOOD TECHNOLOGY

DESCRIPTION

Students will learn through practical application how to prepare food and will use a design process to plan, select, produce and evaluate a range of design briefs. Students study safe and hygienic work practices when handling and storing food to maximise quality, analyse the physical, sensory, chemical and functional properties of key foods and prepare foods to optimise these properties.

Students consider the selection and use of a range of tools and equipment to demonstrate skills and implement processes in the preparation, processing, cooking and presentation of key foods. Students also consider the importance of environmental issues and sustainability practices in food production, as well as the important role of technology in food product development and the way food is produced, processed, packaged and marketed.

OUTCOMES

Outcome One
Understand a range of food properties and preparation methods

Outcome Two
Understand and apply a design process to develop solutions to food design briefs

Outcome Three
Understand safe and hygienic food handling practices.

ASSESSMENT TASKS

• Design Folio
• Preparation and Food production activities
• Research Activities
• Practical Skills Test
• Examination

MATERIALS & EQUIPMENT

• USB Memory Stick and College Diary
• Food Technology Textbook
• Display folder and Exercise Book
• Container to take food items home weekly

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S

VCE VET Hospitality [Kitchen Operations] & Food and Technology

COST
$100.00
Horticulture Production

Description

This unit focuses on students undertaking a simulated horticultural enterprise of their own choice. Students plan, implement, monitor and evaluate the production processes and marketing for their own horticultural enterprise project. Students adopt a scientific approach to plant production and the importance of value adding is explored. They examine local horticultural businesses to look at their operations, management structure, innovations and sustainability in production.

Outcomes

Outcome One
Plan, implement, monitor and evaluate the production processes and marketing of their own horticultural enterprise project.

Outcome Two
Describe the nutritive and reproductive processes of plants and their application to horticultural production systems.

Outcome Three
Assess and control risks associated with common pest and disease control, as well as understanding the influences of climate on plant production.

Assessment Tasks

- Plant Growing Enterprise Project
- Enterprise Development Report
- Plant Nutrition Experiment and Report
- Examination

Materials & Equipment

- Writing materials Exercise book

Pre-Requisite or Recommended Study for VCE Subject/S

VCE VET Horticulture & Biology

Cost
$70.00 plus excursion costs
INFORMATION TECHNOLOGY: SOFTWARE - GAME MAKING

DESCRIPTION
Students will gain a real insight into the digital games industry as they learn how to build video games for the Xbox console, experiencing quite sophisticated software. Students will also learn about all aspects of the games industry. Students will also learn how physics concepts are embedded in game making technology and learn different programming languages that incorporate these scientific concepts. In this course students will be learning about everything to do with video games, from where games came from, how to program games and how to work in a team. This course will cover the basics of it all. All of the development will be done using Microsoft XNA Game Studio 4.0 on both personal computers and Xbox 360 consoles.

OUTCOMES

Outcome One  Develop a working knowledge of the problem-solving methodology in relation to the development of computer and video games

Outcome Two  Use appropriate programming software tools to create computer games and video games that incorporate sound text images and animation to meet the needs of users.

Outcome Three  Understand the different roles and responsibilities of people who develop computer games within the game making industry.

ASSESSMENT TASKS

• E-portfolio of tutorial games students have developed for the Xbox
• Major Game Project
• Assignment on Physics Concepts in Game making
• Examination

MATERIALS & EQUIPMENT

• TBA

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S

VCE Computing, Software Development & Informatics

COST  $30.00 plus excursion costs
PRODUCT DESIGN

DESCRIPTION

This unit is largely a “hands on” project based experience where students learn how to design and manufacture products using a range of design and technology processes including some emerging technologies such as CAD/CAM and rapid prototyping or 3D printing. Students learn how to assess and control risks, describe and quantify materials before using tools and machinery to manufacture projects made from a range of materials such as polymers, metals and timbers. Students document the processes used in the design and development of the products in a project folio that includes digital images, CAD drawings, gantt charts, spreadsheets and other computer generated graphic organisers.

OUTCOMES

Outcome One
Assess, record and control the risks associated with using a range of workshop equipment and technology processes to manufacture products.

Outcome Two
Apply a design process to plan, develop, fully specify and manufacture a series of design projects suitable for sale. The stages in the process will be documented in a project folio.

Outcome Three
Use dedicated CAD/CAM software to design and CNC manufacture or 3D print a variety of products to meet the requirements of a series of negotiated design briefs.

ASSESSMENT TASKS

• Practical Project Work
• Project Folio
• Research Assignment
• Examination

MATERIALS & EQUIPMENT

• USB Memory Stick
• A4 Sketch book
• 2 x A4 Display folders

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S

VCE Visual Communication and Design, VET Aeroskills & VET Furnishing

COST
$70.00
This unit examines the basic principles of flight and control systems including navigation on modern aircraft. Students learn about the physics to do with flight such as drag, thrust, lift and propulsion. These concepts are applied when they construct a two or three channel radio controlled model aeroplane that actually flies.

**OUTCOMES**

**Outcome One** Describe how the scientific principles of flight enable an aircraft to fly safely.

**Outcome Two** Understand and apply the fundamentals of radio control to a working model aeroplane.

**Outcome Three** Apply the design process and a range of technical skills to produce a working radio controlled model aeroplane. As well as the development of a project folio that records all of the stages in the design, construction and flight testing of the model.

**ASSESSMENT TASKS**

- Project Model
- Project Folio
- Research Assignment
- Examination

**MATERIALS & EQUIPMENT**

- 2GB USB Memory Stick
- 3 x A4 Display Folders

**PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S**

VCE Systems Engineering & VET Aeroskills

**COST** $70.00
**SLOW FOOD**

**DESCRIPTION**

Students learn the value of slow food and the connection between plate and planet. They prepare and enjoy healthy meals, explore new tastes and choose a balance of foods that enhance wellbeing. Students take seasonal local produce and create delicious meals giving thought to the sustainability of the recipes, such as the amount of water required, the number of saucepans and consequent washing up generated, the energy and number of gas burners required, the oven and other appliances used. The ingredients are considered with respect to questions about whether the producers have been paid a fair wage, if animals have been treated humanely, how much processing and packaging occurs, and whether the ingredients are grown locally or transported. Students learn through practical application and use design processes to plan, select, produce and evaluate a range of recipes. They study safe and hygienic work practices when handling and storing food to maximise quality and consider the selection and use of a range of tools and equipment to prepare, process, cook and present a range of food items. Students also consider food labelling and how they are marketed.

**OUTCOMES**

**Outcome One**  
Recognize what aspects of dietary intake can lead to or prevent obesity

**Outcome Two**  
Recognise how far a food travels to our table

**Outcome Three**  
Recognise quality produce and construct a meal from scratch using seasonal produce

**ASSESSMENT TASKS**

- Design Folio:
- Annotated Visual Diary
- Research Task – nutrition
- Examination

**MATERIALS & EQUIPMENT**

- USB Memory Stick and College Diary
- Food Technology Textbook, display folder and Exercise Book
- Container to take food items home weekly

**PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S**

VCE Food and Technology & VET Hospitality Kitchen Operations

**COST**  
$100 per semester
SUSTAINABLE ARCHITECTURE & BUILDING CONSTRUCTION

DESCRIPTION

This unit examines concepts to do with sustainability and energy efficient building design including building construction methods and materials, site orientation, climate zones, energy, water and waste services and layout. Students learn about these design considerations and develop building and modelling skills culminating in the design and construction of a scale model of an energy efficient house or residence.

OUTCOMES

Outcome One
Describe how energy in Australia is generated and distributed and suggest ways in which renewable energy and passive solar building design can be utilised in modern buildings.

Outcome Two
Analyse and evaluate the effectiveness of a range of building methods and building design principles.

Outcome Three
Apply the design process and a range of workshop skills to produce a scale model and design folio for an energy efficient house that satisfies a specified customer’s needs.

ASSESSMENT TASKS

- Project Work
- Project Folio
- Research Assignment
- Examination

MATERIALS & EQUIPMENT

- 2GB USB Memory Stick
- 3 x A4 Display Folders

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S

VCE Visual Communication and Design & VET Furnishing

COST
$70.00
This unit focuses on knowledge and practical experience of technological systems commonly used in the automotive industry. The study integrates basic engineering and physics theory with a series of practical workshop tasks to enable students to understand how mechanical devices work whilst developing a range of workshop skills to service various automotive systems. Students also study fundamental electrotechnology principles as applied to the various electrical and control circuits on a modern car.

**OUTCOMES**

**Outcome One**
Identify and explain using technical terms the operation of various systems of an automobile including the function of component parts.

**Outcome Two**
Identify and safely use various tools in an automotive workshop to dismantle and reassemble a small internal combustion engine, diagnose and repair any faults in the engine and tune the engine to run efficiently.

**ASSESSMENT TASKS**
- Workshop Practical tasks
- Class Tests
- Examination

**MATERIALS & EQUIPMENT**
- USB Memory Stick and College Diary
- Display Folder and A4 Exercise Book
- Drawing Tools.
- Covered Work Boots/shoes

**PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S**
VCE Physics, Systems Engineering & VET Aeroskills

**COST**
$70.00
DESCRIPTION
Unit one only Students will gain knowledge, understanding, and practical application of electronic circuitry and electro-mechanical systems. The study integrates basic engineering and physics theory with practical application in project and experiment tasks. The unit allows for a ‘hands-on’ approach, as students apply their knowledge and skills to construct fully functioning robotic systems that incorporate sensors, processors, outputs and electro-mechanical sub systems.

OUTCOMES
Outcome One Identify basic electronic and mechanical components in a variety of electromechanical devices.
Outcome Two Construct, test and evaluate electromechanical systems using technical manuals.

ASSESSMENT TASKS
• Practical Project and Experiment Work
• Project Folio
• Evaluation Report
• Research Assignment
• Examination

MATERIALS & EQUIPMENT
• A4 Display folder
• A4 Notebook [40 page]

PRE-REQUISITE OR RECOMMENDED STUDY FOR VCE SUBJECT/S
VCE Physics, Systems Engineering & VET Aeroskills

COST $70.00